

Title (en)
Ignition systems and methods

Title (de)
Zündvorrichtungen und -verfahren

Title (fr)
Systèmes et méthodes d'allumage

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Application
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Abstract (en)
An ignition system has several charging circuits 1A to 1C connected to a common input circuit 3 and controlled by a common triggering unit 40 to fire respective igniters 2A to 2C. The input circuit 3 has a voltage source 30 connected across a first capacitor 32, which provides the output terminals of the source. Each charging circuit 1A to 1C has a second capacitor 13 connected in series with one end of an inductance 12. A tapping 12' of the inductance 12 is connected to an input of the charging circuit via a diode 11 and a thyristor 10, controlled by the triggering unit 40. The output of the charging circuit 1A to 1C is provided by one electrode of the second capacitor 13 and the opposite end of the inductance. <IMAGE>

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